

Semi-solid mixts. of D- or L-lactic acid oligomer or polymer - used e.g. as resorbable implants, or bone waxes

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Abstract

A semi-solid mixt. which is plastically deformable at 20-40 deg. C comprises an oligomer- or polymer mixt. of D- or L-lactic acid homo-, block- or random polymer having an Mn of 600-10000, 800-8000, 1500-6000 or 1800-4000 and an amorphous, tough/viscous oligomer based on lactic acid having a Mn below 500, 400 or 350.

ADVANTAGE - Prior art mixts. of lactic acid oligomers were either more or less tough/viscous for low mol. wts. (leading to a tendency to thread pulling) or brittle for high mol. wts.. The present mixts. have a waxy to pasty consistency and so do not have the prior art drawbacks.

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